Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 85100 L/kg

Global applicability domain: Outside

Local applicability domain index: 2.14e-01

Confidence level: 6.43e-01

Nearest Neighbors from the Training Set

Image not found
Cyhalothrin
Measured: 182000
Predicted: 50600

Image not found
lambda-Cyhalothrin
Measured: 182000
Predicted: 50600

Image not found
Bifenthrin
Measured: 224000
Predicted: 112000

Image not found
Cyfluthrin
Measured: 100000
Predicted: 45400

Image not found
Lactofen
Measured: 10000
Predicted: 21200

Image not found
Cypermethrin
Measured: 100000
Predicted: 47300